

APTX2001 White Paper/Abstract Instructions

General Information:

To be considered complete, each White Paper must strictly follow the formats provided herein.

All White Papers must include two (2) SEPARATE FILES as listed below:

Industry White Papers must include the following:	Government White Papers must include the following:
1. Initiative Abstract , to include <ol style="list-style-type: none">Title Page with signatureSigned Statement of UnderstandingNo more than ten (10) pages of text following the abstract formatQuad ChartInter-relationship MatrixOral Presentation-90 minutes if initiative passes Level I screening	1. Initiative Abstract , to include <ol style="list-style-type: none">Title Page with signatureNo more than ten (10) pages of text following the abstract formatQuad ChartInter-relationship MatrixOral Presentation-90 minutes if initiative passes Level I screening
2. Integration Not-To-Exceed (NTE) cost information with signature	2. Integration Not-To-Exceed (NTE) cost information with signature

The Integration NTE must be included with the initiative abstract as a *separate attachment*. No funds are available to support initiative development costs. For White Papers submitted by industry, an individual with authority to bind the company must sign the bottom of the title page of the hard copy of the abstract and the NTE cost form. For White Papers submitted by industry, the Program Manager must also sign the bottom of the title page of the hard copy of the abstract. For White Papers submitted by Government organizations, the Program Manager must sign the bottom of the title page of the hard copy of the abstract with the NTE cost form approval signature from the Program Control Officer within the Program Office. Industry initiative submitters are required to execute the APTX2001 Statement of Understanding (SOU). The Government reserves the right to reject, without further evaluation, an initiative submission that is incomplete or not in the required format. The Government may ask for additional information, either by documentation or discussions or both, at any stage of the evaluation and selection process.

(a) **Unclassified Initiatives:** Initiative Abstract/Quad Chart and NTE must be submitted in both hardcopy and softcopy (Microsoft Office 98 or higher). Font style is Times New Roman, 12 point for the Initiative Abstract, except the Quad Chart, which must be Microsoft PowerPoint, in Arial font style, no smaller than 16 point. Mailing hardcopy to ESC/CXK, ATTN: Ms. Diane O'Neil, 45 Arnold Street, Hanscom AFB, MA, 01731-2421. E-mail softcopy submittals to initiatives@hanscom.af.mil **only**. You may also send softcopy on a 3.5" disk submitted with the hardcopy in lieu of sending the softcopy via e-mail. Hardcopy or softcopy (e-mail) sent to anyone at AC2ISRC, ESC, or others will not be accepted. **Send only to the e-mail address above.**

(b) **Classified Initiatives:** Specific instructions will be placed on HERBB at a later time.

(c) **Initiative Abstract :** Shall not exceed 10 pages of double spaced text. The cover sheet, Statement of Understanding (SOU), Quad Chart, and NTE are **not** counted as part of the 10-page limit. Submittals that exceed these limits will be rejected.

(d) **APTX2001 Initiative Quad Charts:** The purpose is to provide Government evaluation team and other parties with a brief summary/snapshot of your initiative. **Quad charts for selected initiatives will be posted for industry and Government review on the ESC HERBB and AFEO public web sites.** Initiative quad charts must follow the format provided. The Quad Chart shall be displayed horizontally (“landscape”) on one side of a single 8 ½” X 11” sheet of white paper. Except for the title, the chart should be divided into four equal quadrants. At least ½” margin should be applied all around the quad chart (bottom, top, left, and right). The font must be arial style, no smaller than 16 point. Quad charts shall not contain proprietary information and the Government reserves the right to post all submitted Quad Charts on HERBB and AFEO web site after initiative selection. Any Quad Chart, which contains a proprietary marking, will be returned to the submitter, who will be asked to submit a Quad Chart without such a marking. If the submitter refuses, the Government will reject the White Paper.

(e) **Multiple White Papers:** Submittal of multiple White Papers (including abstract, quad chart, and NTE) are authorized. Each White Paper must have a unique title and must be submitted separately. If soft copies of multiple White Papers are submitted via e-mail (rather than delivered via diskette), each complete White Paper (abstract with quad chart, and NTE) must be e-mailed separately (with the two separate documents provided as attachments to the e-mail). In other words, **send only one complete White Paper per e-mail.** If soft copies of multiple White Papers are submitted via diskette, each complete White Paper (abstract with quad chart, and NTE) must be submitted on a separate, clearly labeled diskette.

(f) **Government Agency Coordination/Sponsorship of Industry White Papers:** Submitters are required to gain government sponsorship/coordination of their White Papers prior to submittal. Sponsor is defined as a Commander-in-Chief (CINC), MAJCOM, Field Operating Agency (FOA), or other government organization with the capability and commitment to champion the fielding and sustainment of successful initiatives. There will be no reimbursement for the costs of complying with the requirement to get a Government agency sponsorship.

(g) **Teaming Arrangements:** Submitters are encouraged to enter into teaming arrangements in order to provide the broadest possible C2 initiatives. This also provides the Government with insight into the submitters’ recommended integration of separate systems. Team leads shall be identified as part of teaming agreements. Unless the teamed submitters have agreed that one particular entity may sign for the entire team, all teamed submitters must execute and submit separate Statements of Understanding (SOU).

(h) **Interaction Between Contractors:** Initiative submitters selected for inclusion in APTX2001 will be required to execute any necessary nondisclosure, associate contractor agreements, or proprietary information agreements with the integrating contractors and respective subcontractors and with the submitters of other initiatives and their contractors and subcontractors.

(i) **Proprietary Information:** All proprietary or competition sensitive information submitted must be clearly identified/marked. All information submitted will be handled in accordance with the Statement of Understanding (SOU).

(j) **Acknowledgement of receipt:** Within 10 working days of the submittal due date, a list of White Papers will be posted on HERBB. To confirm the receipt of your White Paper, check <http://www.herbb.hanscom.af.mil/rfp.asp>.

(k) **Public Release:** Quad Charts and Non-Proprietary White Papers for the selected initiatives participating in APTX 2001 will be posted on <http://www.herbb.hanscom.af.mil/rfp.asp> site for public viewing along with the AFEO web site.

(l) **Unallowable Costs:** Any costs incurred in support of an APTX2001 White Paper submittal (including White Papers, Cost Proposal preparation, oral presentations, capabilities demonstrations, fact-finding, negotiations etc.) prior to the award of a contract or issuance of any contract action for those requirements, are not allowable costs under any Government contracts.

(m) **Government's Best Interest:** The Government may, after considering submitted initiatives, also solicit or select other systems and items as needed from within current on-going Government efforts to make any chosen system/item work or work better, or as needed to ensure the integration effort is a success or that the experiment yields useful information. Chosen submitters will be required to enter into ACAs, non-disclosure agreements or proprietary information agreements with providers of such other systems and items.

Attachment:

APTX2001 Initiative Abstract
Format (including APTX2001
Quad Chart Format & SOU)

Cover Sheet Instructions/Format:

INITIATIVE WHITE PAPER/ABSTRACT FOR APTX2001

Tracking #: Assigned by ESC/CXE
Title of Proposed Initiative

Submitting Organization/Agency
(provide full name and address of
organization/agency submitting
the proposed initiative)

Sponsoring Government Organization/Agency
(provide full name of the Air Force
organization/agency sponsoring
the proposed initiative)

Technical POC: Name, e-mail address, phone number*

System Engineering POC: Name, e-mail address, phone number*

Administrative POC: Name, e-mail address, phone number*

Contracting POC: Name, e-mail address, phone number*

(*Reminder: Submitters should ensure that appropriate POCs and phone numbers are provided as requested in the White Paper Initiative Abstract. In the event questions arise relative the White Paper submissions, the technical POC at a minimum should plan to be available to respond and turnaround the requirement on a request within one (1) working day, if deemed necessary.)

STATEMENT OF UNDERSTANDING
FOR CONTRACTOR-SUBMITTED WHITE PAPERS
Joint Expeditionary Force Experiment (JEFX)
(to include APTX)

1. The entity identified below understands that Electronic Systems Center (ESC) is the acquisition lead for **JEFX**. Any entity that wishes to participate in the Joint Expeditionary Force **Experiment (JEFX)** will submit a White Paper initiative to ESC/CXK. The Initiative Selection Team will then evaluate the White Papers and make recommendations on which initiatives should be part of **JEFX**. Final decision authority rests with the JEFX General Officer Steering Group, the JEFX Council of Colonels, and/or the JEFX Execution Management Team (AFEO, ESC, AFC2TIG) as dictated by JEFX internal procedures.
2. The Air Force has contracted with Raytheon and TRW under the ESC Command and Control Product Line (CCPL) contract for **JEFX** integration and technical support. The CCPL contractors, their subcontractors, and the other existing domain expertise contractors (including Lockheed Martin, Northrop Grumman and Boeing) are under the program management of ESC. All White Papers received by the established due date will be evaluated by a team comprised of Government, MITRE and Aerospace Corporation personnel. Subsequently, the results of that evaluation will be provided to some combination of the 2 CCPL contractors (Raytheon and TRW), their subcontractor teams, and domain expertise contractors for their assessment and advice to the Government of the usability and ease of integration of a described White Paper process or system with other known **JEFX** systems. CCPL Contractors, subcontractors and domain expertise contractors will not perform an integration assessment of their own initiatives. The Government may allow additional domain expertise contractors other than those three, provided they execute the non-disclosure certificate described in item 3, below, and the Government lists the additional domain expertise contractors on HERBB prior to allowing them access to White Papers. The CCPL contractors and the existing domain expertise contractors will not be allowed access to pricing information associated with any system or process described in a White Paper, except for the overall Rough Order of Magnitude (ROM) amount included with White Paper submittals. Pricing information will only be released to the CCPL contractors, if the entity described below consents or enters into an associate contractor agreement or teaming arrangement, in which release of such data is agreed to or a normal part of such an agreement.
3. The submitter also understands that the Government has contracted with ACS Defense, Inc., Gemini Industries, Inc., Science Applications International Corp (SAIC), AB Technologies, Inc., Zel Technologies, LLC and TYBRIN Corp, as an Information Technology Services Program (ITSP) contractor, who will provide support to the Government agencies conducting the JEFX, and that such contractors may have access to White Papers, to the same extent as the CCPL contractors and under the same limitations as the CCPL contractors, when such access is necessary for the ITSP contractors to perform their contracts.

STATEMENT OF UNDERSTANDING
Joint Expeditionary Force Experiment (JEFX), page 2

4. Any Government or contractor personnel who are tasked by the Government to take part in the review/integration effort will be required to execute non-disclosure certificates. The certificates state that the information is not to be released except to Government employees with a strict need to know the information and as consented to by the entity submitting a White Paper.
5. The submitter consents to the internal distribution of White Paper initiatives to Government offices and their support and technology contractors for the purposes of review, evaluation, architecture development, and any work necessary for a successful experiment. Subsequent to selection, submitter agrees the White Paper Quad Chart will be releasable to the public.
6. The submitter has attempted to minimize the amount of proprietary information in the White Paper; has labeled all pages of the White Paper which it believes contains proprietary information with a legend, "[Name of submitter] Proprietary"; and has included as an addendum to the White Paper an explanation of the portions which it believes are proprietary, with a separate explanation for each page which is so marked. The submitter agrees that any pages, which are not so marked, do not contain proprietary information.
7. The Government will not compensate entities for the costs of preparing or presenting White Papers, oral presentations, technical demonstrations or information supplemental to White Paper submission requested by the Government. The submitter also understands and agrees that the call for White Papers is not an Invitation for Bids, Request for Proposals, or Request for Quotations, and that selection of an initiative is not a guarantee of issuance of a contract.
8. The following entity understands the above, and takes no exception to any of the terms with regard to any process or system described in a White Paper submitted for consideration to be part of **JEFX**. The individual who signs is the proprietor, if the entity is a sole proprietorship, or if the entity is not a sole proprietorship, has full authority to bind the entity.

SIGNED: _____

(Name)
(Company Officer Position)
(Company Name)

(Date)

STATEMENT OF UNDERSTANDING
FOR GOVERNMENT-SUBMITTED WHITE PAPERS
Joint Expeditionary Force Experiment (JEFX)
(to include APTX)

1. The entity identified below understands that Electronic Systems Center (ESC) is the acquisition lead for **JEFX**. Any entity that wishes to participate in the Joint Expeditionary Force **Experiment (JEFX)** will submit a White Paper initiative to ESC/CXK. The Initiative Selection Team will then evaluate the White Papers and make recommendations on which initiatives should be part of **JEFX**. Final decision authority rests with the JEFX General Officer Steering Group, the JEFX Council of Colonels, and/or the JEFX Execution Management Team (AFEO, ESC, AFC2TIG) as dictated by JEFX internal procedures.

2. The Air Force has contracted with Raytheon and TRW under the ESC Command and Control Product Line (CCPL) contract for **JEFX** integration and technical support. The CCPL contractors, their subcontractors, and the other existing domain expertise contractors (including Lockheed Martin, Northrop Grumman and Boeing) are under the program management of ESC. All White Papers received by the established due date will be evaluated by a team comprised of Government, MITRE and Aerospace Corporation personnel. Subsequently, the results of that evaluation will be provided to some combination of the 2 CCPL contractors (Raytheon and TRW), their subcontractor teams, and domain expertise contractors for their assessment and advice to the Government of the usability and ease of integration of a described White Paper process or system with other known **JEFX** systems. CCPL Contractors, subcontractors and domain expertise contractors will not perform an integration assessment of their own initiatives. The Government may allow additional domain expertise contractors other than those three, provided they execute the non-disclosure certificate described in item 3, below, and the Government lists the additional domain expertise contractors on HERBB prior to allowing them access to White Papers. The CCPL contractors and the existing domain expertise contractors will not be allowed access to pricing information associated with any system or process described in a White Paper, except for the overall Rough Order of Magnitude (ROM) amount included with White Paper submittals. Pricing information will only be released to the CCPL contractors, if the entity described below consents or enters into an associate contractor agreement or teaming arrangement, in which release of such data is agreed to or a normal part of such an agreement.

3. The submitter also understands that the Government has contracted with ACS Defense, Inc., Gemini Industries, Inc., Science Applications International Corp (SAIC), AB Technologies, Inc., Zel Technologies, LLC and TYBRIN Corp, as an Information Technology Services Program (ITSP) contractor, who will provide support to the Government agencies conducting the JEFX, and that such contractors may have access to White Papers, to the same extent as the CCPL contractors and under the same limitations as the CCPL contractors, when such access is necessary for the ITSP contractors to perform their contracts.

STATEMENT OF UNDERSTANDING
Joint Expeditionary Force Experiment (JEFX), page 2

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5. The submitter consents to the internal distribution of White Paper initiatives to Government offices and their support and technology contractors for the purposes of review, evaluation, architecture development, and any work necessary for a successful experiment. Subsequent to selection, submitter agrees the White Paper Quad Chart will be releasable to the public.
6. The submitter has attempted to minimize the amount of proprietary information in the White Paper; has labeled all pages of the White Paper which it believes contains proprietary information with a legend, "[Name of submitter] Proprietary"; and has included as an addendum to the White Paper an explanation of the portions which it believes are proprietary, with a separate explanation for each page which is so marked. The submitter agrees that any pages, which are not so marked, do not contain proprietary information.
7. The Government will not compensate entities for the costs of preparing or presenting White Papers, oral presentations, technical demonstrations or information supplemental to White Paper submission requested by the Government. The submitter also understands and agrees that the call for White Papers is not an Invitation for Bids, Request for Proposals, or Request for Quotations, and that selection of an initiative is not a guarantee of issuance of a contract.
8. The following agency understands the above, and takes no exception to any of the terms with regard to any process or system described in a White Paper submitted for consideration to be part of **JEFX**. If all or any portion of the White Paper was produced by a contractor, whether a corporation, a partnership, a sole proprietorship, or by an individual who has or may have some right or interest in the White Paper; or if anyone otherwise needs to authorize the agency to provide the White Paper to ESC/CXK to be handled and released in the manner describe above, the agency has obtained all needed rights, permission, and authorization to provide the White Paper to ESC/CXK.

SIGNED: _____
(Name)
(Title or Position)
(Agency)
(Date)

White Paper/Abstract Instructions/Format:

1. Initiative Title (and short name, if any).

2. Submitting Organization/Agency.

a. Provide the full name and address of the organization/agency submitting the proposed initiative.

b. Provide the name(s), e-mail address (es), and phone number(s) of the point(s) of contact (POCs), including technical, engineering, administrative and contracting personnel as appropriate.

3. Sponsoring Government Organization/Agency. Provide the name and address of the Air Force organization/agency (e.g., CINC, MAJCOM, FOA who is sponsoring the proposed initiative. Also provide the name(s), e-mail address (es), and phone number(s) point(s) of contact (POCs) as appropriate. (NOTE: The sponsor POC will serve as the subject matter expert on the operational utility of the proposed initiative during the review and selection process.)

4. Description. Use this paragraph to provide a brief description of the proposed initiative and its capabilities (no more than 50 words). A two-page detailed description to aid decision-makers in determining the operational utility of the proposed initiative may be included as an enclosure or attachment to the abstract/white paper.

5. Illustration. Provide a picture (photograph, chart or drawing in .gif or .jpg format) or system architecture diagram of the initiative.

6. Analysis/Assessment. Identify the current capability baseline addressed by the proposed initiative. In addition, identify the limitation(s) or aspects of the overarching critical questions addressed by the proposed initiative. Describe measures for comparison and improvements offered by the proposed initiative, and recommend method(s) and measures of effectiveness/merit for its assessment. Identify how modeling and simulation will support analysis/assessment of the proposed initiative, and list modeling and simulation integration requirements.

Value to the Warfighter/Assessment

- Capability: List the key capabilities that this system provides to the warfighter.
- Value: Provide the military value of the capability. State what the benefit is and who benefits from this capability.
- Measure: How do you measure the value? Examples: Increase data accuracy, decrease time and reduce resources required (manpower, aircraft, weight, munitions, etc.)
- Trigger Event/Requirements to Demonstrate: What event/approach initiates this capability or is required to demonstrate the capability (e.g. demonstration

of currently used methodology for baseline establishment, Target nomination list, TPFDD, message, sensor reaction, etc.)

Example of Required Table			
Capability	Value	Measure	Trigger Event / Requirements to Demonstrate
System X fuses sensor data onto a common operational picture.	Provides the Intel and Plans cell with target information from multiple sensors in a single workstation.	Keying of sensor to target results in sensor data appearing on common operational picture.	Sensor message of target information. Four different sensors. 1) XXX, 2) XXX 3)XXX & 4)XXX
System X transfers target information from the secret level to the collateral level using an established set of parameters in a more timely and accurate manner than currently used manual methods.	System X provides Collateral users with sensor target information they are authorized at their level. Collateral side is able to get data in a more timely manner with less manual processing.	Per cent of Messages within established parameters successfully passed to collateral level.(80-90%) Per cent of messages not within parameters rejected. (100%). Comparison of currently used methodology versus System X: Time savings: Currently used methodology would require hours of manual processing and analysis, while this automated approach would reduce that time to less than 5 minutes.	Arrival of target sensor message on the secret Multi-level security server. XXX messages per day required. Experiment needs to be designed such that current methodology time is baselined for comparison to methodology using System X.

7. Concept of Operation, Employment, and Proposed Force Structure. Identify how and where the proposed initiative will be used and who will use it (echelon, individual operators, staffs, etc.) in the field. Address sustainment issues in terms of personnel and organizations.

8. Experiment Environment. Identify the optimum and minimum force structures required for the experiment (i.e., the number of operators, systems, units, and agencies to employ the proposed initiative). Refer to the APTX2001 Design on the HERBB for a descriptive of the environment, assets, and major events.

9. Availability/Maturity. Describe the maturity of this concept (ex. proof of concept, prototype, engineering development, or fielded) and its components. Define how a supportable system can be made available for APTX2001. Identify when prototype or production units will be available. Explain when and how the initiative has been previously demonstrated (e.g., JWID, Roving Sands, Blue Flag, OT&E, etc). Describe

any commercial applications that may exist in addition to/in lieu of Government applications. Provide supported results (cite test report, assessment, after action report, etc.) and the event's point of contact with phone number. For example, as applicable provide a brief description of Developmental and/or Operational Test & Evaluation performed or planned for the initiative. State what standards (e.g. MIL-STD's, IEEE-STD's), if any, were used to develop and execute any testing. The type, amount, and results of previous testing will be used in judging the technical maturity of each initiative.

10. Technical/System Concept/Architecture Summary: Provide a diagram(s) and brief explanation of the initiative architecture (diagrams and explanations will not count as part of the 10-page initiative page limit). To the best of your ability, describe how your initiative integrates or is interoperable with similar joint/coalition systems. Describe how the initiative advances US Only C2 systems capability to operate as part of a coalition integrated C2 weapon system.

(a) Technical Implementation. Describe the technical implementation of this initiative. This description should include textual descriptions and diagrams and must address the following items:

- (1) Explain clearly what *new* system components are being added, and what *existing* components are being leveraged by the concept. Identify the other C2 systems impacted by this initiative. Include discussion on how current systems are changed and improved by this initiative. Indicate what integration is required for participation in APTX2001.
- (2) Describe the system interfaces and relationships between this initiative and other related systems. What system(s) does the concept interface with or complement? Include specific interface types. Identify the hardware, software, and data that comprise the interface. If these interfaces are currently unknown, identify the timeframe when they will be known or when they need to be specified.
- (3) Identify the hardware and software components included in this initiative. Define the mapping of software components onto hardware components. Provide a brief summary of the interfaces between initiative components.
- (4) Address the communication requirements of this initiative. This must include required or recommended communications links, the type of link (ex. shared or dedicated, duplex, satellite or landline, military or commercial) and protocols needed, and the required/requested bandwidth.
- (5) Identify the system databases required to integrate and execute this initiative. Identify whether existing databases can be used and when they are required. Indicate whether these databases are assumed to be GFE or are included in proposed cost of the initiative.
- (6) Describe the Information Operations (IO) and Warfare (IW) aspects of this initiative. This should include any built-in warning capability for unauthorized intrusion/tampering, IO attack recovery capabilities, and known IW vulnerabilities.

- (7) If the initiative is dependent upon some effort being accomplished under an ongoing Government/commercial effort, explain the technical dependency and identify the technical point of contact and phone number.
- (8) Identify any other dependencies that this initiative may have. Include data dependencies (e.g. TIBS, TRAP, MTI, etc), special test equipment, specific modeling and simulation support requirements, data input latency thresholds, etc.

(b) Implementation Plan. Provide an implementation plan for this initiative. Include a schedule for when the initiative components will be available for APTX integration, testing, training, and deployment (see APTX2001 schedule at **HERBB SITE NAME**). This implementation plan and schedule must address the following items.

- (1) Describe any Government Furnished Property (GFP)/Government Furnished Equipment (GFE)/Government Furnished Data (GFD) required. Include a schedule of when the GFP/GFE/GFD is necessary and the Government organization that controls the GFP/GFE/GFD. Identify specific CFE (if any) required by this initiative (including quantity and date required). Identify specific commercial items and “Government Off -The-Shelf” (GOTS) items (if any) that are required (including quantity and date required for each). Identify possible providers of these items.
- (2) Identify when the initiative components will be available for demonstration and integration into the APTX2001 preliminary architecture.

(c) Inter-relationships/dependencies

- Describe the interfaces and relationships between this initiative and other related systems. What system(s) does the concept interface with or complement? Include specific interface types. Identify the hardware, software, and data that comprise the interface. If these interfaces are currently unknown, identify the timeframe when they will be known or when they need to be specified.
- Is any modeling or simulation required? If so, describe the requirements. These could include data feeds, databases, sensor data, environmental or C2 stimuli. Do models or simulations currently exist?
- Identify the hardware and software components included in this initiative. Define the mapping of software components onto hardware components. Provide a brief summary of the interfaces between initiative components.

(d) Data Source Identification: Initiative providers shall provide their required access to databases, defined down to the data element level and classification of

data in order to facilitate the foreign disclosure process, experiment design, and network security architecture prior to full approval

11. Integration/Interoperability. Identify and describe known integration and interoperability requirements (proposed initiatives should be compatible with the fielded version of Theater Battle Management Core Systems (TBMCS) and the APTX2001 architecture). Describe how the proposed initiative will integrate/interoperate with TBMCS and the supporting APTX architecture, to include the type(s) and format(s) of data/messages to be exchanged. Identify level of DII-COE compliance (**minimum Level 5 required or viable migration path**) and identify the exact version and patch level of the COE under which your system operates. Also include the version of GCCS or GCSS that your system is included in, if applicable. Finally, identify applications and systems used to transport, network, exchange, interface, broadcast or route data/information associated with the proposed initiative (including radio, "sneaker net," swivel chair, etc.).

12. Training. Outline a new equipment training plan for individual operators, maintainers, staffs, etc. Identify and describe collective training required to operate, sustain, and exploit the capabilities of the proposed initiative, to include the number of hours of instruction and the availability of published training material. Identify who will provide the training, as well as prospective trainees. Identify and describe any training support packages (TSPs) and training aids, devices, simulators and simulations (TADSS) that have been (or will be) developed to support initial training and/or continuation/proficiency training for the proposed initiative.

13. Past, Current, and Future Applications. Identify other fieldings, demonstrations, or experiments (Joint, Service, foreign, etc.) that the proposed initiative has/is/will participate in. Identify any conflicts or impacts these additional applications may have on the proposed initiative's participation in APTX2001.

14. Equipment Disposition Sustainment After APTX2001. Describe the concept for disposition of the initiative after the completion of APTX2001.

15. Acquisition Approach.

(a) Acquisition Status:

(1) For Industry: Is this initiative part of an ongoing or previous DoD acquisition?

- A. If so, identify DoD contract number, point of contact name, and phone number.
- B. If so, has this White Paper initiative been coordinated through the Government Agency to ensure that there will be no duplication of this submittal? (Provide coordinating point of contact and phone number.)
- C. If not part of an ongoing DoD acquisition, state any other contractual vehicles under which the initiative is being provided or has been provided to the Government. How do you propose that the IC2S

Program Office or other appropriate system program office acquire this concept? (Provide suggestions.)

(2) For Government: Is this initiative part of an ongoing or previous DoD acquisition?

- A. If so, identify industry counterpart point of contact name, phone number, and contract number.
- B. If so, has this White Paper initiative been coordinated with the contractor to ensure that there will be no duplication of this submittal? (Provide coordinating point of contact and phone number.)
- C. If not part of an ongoing DoD acquisition, how do you propose that the IC2S Program Office or other appropriate system program office acquire this concept? (Provide suggestions.)

- (b) White Paper Initiative submitters will be required to execute nondisclosure and/or associate contractor agreements with the APTX2001 integrating contractor(s) and with the providers of other selected initiatives. Describe anything that may prevent you from entering an agreement with the integrating contractor(s).
- (c) What data rights/licensing issues need to be addressed for this initiative to participate in APTX2001? Identify components of the initiative that use licensed products. Also, describe the licensing/data rights agreement that would be offered to the Government if the initiative is included in the “leave behind.”
- (d) Address your ability to meet a 15-day cost proposal turn around time in the event that your initiative is selected for participation in APTX2001.
- (e) In the absence of markings to the contrary, the IC2S SPO will treat information as non-proprietary.

Affordability. Submit with this abstract the required “Not-To-Exceed” (NTE) cost information in the format provided separately if you are requesting APTX 2001 integration funding for your initiative. The NTE must be a standalone document, separate from the abstract. Submitters are hereby advised that the Government may have advisory and assistance contractors review and comment upon the NTE integration cost information. CCPL and domain expertise contractors tasked to support APTX, shall be given access only to the overall NTE amount and Basis of Estimate (BOE) information. CCPL and domain expertise contractors shall not be given access to detailed pricing or rate information unless approved by the initiative submitter. The NTE will show estimated integration costs only for each of the tasks listed in the format provided.

- (f) If possible, suggest how post-experiment support could be structured as a contract option.
- (g) For Government submitters who have on going effort which may be submitted as an initiative or other ongoing effort which may be leveraged for participation of your submitted initiative(s) in APTX2001, please address the

availability of resources for participation. Have funds been approved for the effort(s)? If not, when do you expect approval?

16. Oral Presentation: The contractor shall make an oral presentation not to exceed 90 minutes to describe their initiative. Format for the presentation will be posted on the HERBB at a later date. Presentation scheduling will take place directly with initiative providers during the selection process.